

CLAIMS

1. A windscreen wiper device comprising an elastic,
elongated carrier element, as well as an elongated wiper
5 blade of a flexible material, which can be placed in
abutment with a windscreen to be wiped, which wiper blade
includes opposing longitudinal grooves on its
longitudinal sides, in which grooves spaced-apart
longitudinal strips of the carrier element are disposed,
10 wherein neighbouring ends of said longitudinal strips are
interconnected by a respective connecting piece, which
windscreen wiper device comprises a connecting device for
an oscillating arm, wherein said oscillating arm is
pivotally connected to said connecting device about a
15 pivot axis near one end, with the interposition of a
joint part, **characterized in that** the windscreen wiper
device is provided with first and second retaining means
for retaining said connecting device onto said
oscillating arm, said first retaining means comprising at
20 least one resilient tongue provided on said joint part
engaging in a correspondingly shaped hole provided in
said oscillating arm, said second retaining means
comprising at least one first stop surface provided on
the oscillating arm and at least one second stop surface
25 provided on the joint part or the connecting device, both
first and second stop surfaces being spaced apart during
normal operation of the windscreen wiper device, wherein
in case of disfunctioning of said first retaining means
said connecting device is allowed to move with respect to
30 said oscillating arm causing the second stop surface to
correspondingly move towards the first stop surface until
the first and second stop surfaces are adjacent one
another.

2. A windscreen wiper device according to claim 1, wherein the oscillating arm has an at least substantially U-shaped cross-section at the location of its connection to said joint part, and wherein said hole is provided in a base of said U-shaped cross-section.
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3. A windscreen wiper device according to claim 1 or 2, wherein said joint part comprises at least two lateral resilient tongues extending outwardly, wherein the oscillating arm has an at least substantially U-shaped cross-section at the location of its connection to said joint part, and wherein each tongue engages in a correspondingly shaped hole provided in a leg of said U-shaped cross-section.
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4. A windscreen wiper device according to claim 1, 2 or 3, wherein said hole(s) has/have a closed circumference.
- 20 5. A windscreen wiper device according to any of the preceding claims 1 through 4, wherein the oscillating arm has an at least substantially U-shaped cross-section at the location of its connection to said joint part, and wherein each leg comprises clamping members which engage round longitudinal sides of said joint part that face away from each other.
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6. A windscreen wiper device according to any of the preceding claims 1 through 5, wherein the second stop surface is caused to correspondingly move towards the first stop surface in longitudinal direction of the wiper blade.
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7. A windscreen wiper device according to any of the preceding claims 1 through 6 , wherein the oscillating arm has an at least substantially U-shaped cross-section at the location of its connection to said joint part, and
5 wherein said first stop surface is provided on a leg of said U-shaped cross-section.
8. A windscreen wiper device according to claim 7, wherein the first stop surface is formed by a hook-shaped
10 protrusion extending downwardly.
9. A windscreen wiper device according to any of the preceding claims 1 through 8 , wherein said joint part has an at least substantially U-shaped cross-section at
15 the location of its attachment to said connecting device, and wherein said second stop surface is provided on a leg of said U-shaped cross-section.
- 10 A windscreen wiper device according to claim 9, wherein
20 the second stop surface is formed by a hook-shaped protrusion extending upwardly.
- 11 A windscreen wiper device according to claim 7, wherein the first stop surface is formed by a transverse pin
25 extending inwardly.
- 12 A windscreen wiper device according to claim 11, wherein the second stop surface is formed by a guiding groove in the connecting device.
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- 13 A windscreen wiper device according to any of the preceding claims 1 through 12, wherein said connecting

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device is positioned at least substantially within said joint part.

- 14 A windscreen wiper device according to claim 13, wherein
5 said joint part is attached to said connecting device by pivotally engaging protrusions of said connecting device at the location of said pivot axis in recesses provided in said joint part.
- 10 15 A windscreen wiper device according to claim 14, wherein said joint part has an at least substantially U-shaped cross-section at the location of its attachment to said connecting device, and wherein said joint part in each leg of said U-shaped cross-section is provided with a
15 recess provided coaxially with said pivot axis.
- 16 A windscreen wiper device according to claim 14 or 15, wherein the protrusions extend outwards on either side of said connecting device and wherein the protrusions are at
20 least substantially cylindrical.
- 17 A windscreen wiper device according to any of the preceding claims 13 through 16, wherein said joint part is made of plastic.
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- 18 A windscreen wiper device according to any of the preceding claims 1 through 17, wherein the oscillating arm, the connecting device and the joint part are each made in one piece.
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